

SEWER FORCE MAIN:

- ☐ American AVK Series 25 Resilient Wedge Gate Valve
- ☐ American Ductile Iron Class 52 Pipe
- ☐ American Ductile Iron Pressure Class 350 Compact Fittings
- ☐ American Flow Control Series 2500 Resilient Wedge Valve
- ☐ Atlantic States Ductile Iron Class 52 Pipe
- ☐ BWM Company Stainless Steel Casing Spacer, Model BWM SS-8
- ☐ Bristolpipe C-900 PVC Pipe
- ☐ Capitol Foundry of Virginia Air Vent and Blow-Off Frame and Cover, Class 35B
- ☐ Capitol Foundry of VA CS-5 Large Valve Box, Class 35B
- ☐ Capitol Foundry of VA CS-5A Small Valve Box, Class 35B
- ☐ Capitol Foundry of VA Small Valve Box, Class 35B
- ☐ Cascade Stainless Steel Casing Spacer Model CCS – 1320-8
- ☐ Clow Ductile Iron Class 52 Pipe
- ☐ Diamond C-900 PVC Pipe DR18, Class 150
- ☐ EBAA Iron Sales, Inc 1600 Restraint Harness for PVC Pipe bells
- ☐ EBBA Iron Sales, Inc. 2000 PV Joint Restraint for PVC Pipe
- ☐ EBBA Iron Sales, Inc. Megalug Series 1100 Mechanical Joint Restraint for Ductile Iron Pipe
- ☐ Griffin Pipe Products Co. D.I. Tyton Joint, Class 52 Pipe
- ☐ JCM 412 Tapping Sleeves
- ☐ Kennedy KS-FW MJ Valve
- ☐ Kennedy Kenseal II Resilient Wedge Gate Valve
- ☐ LineTek Non-detectable Double-Tuff Marking Tape
- ☐ McWane (Clow) Ductile Iron Class 52 Pipe
- ☐ OMNI Coupling, Sleeve
- ☐ One Loc Contoured-lug Restraint – DI pipe
- ☐ One Loc Contoured-lug Restraint – PVC pipe
- ☐ Mueller Mechanical Joint Tapping Sleeve for C.I., D.I. & PVC
- ☐ North American Pipe Corporation C-900 PVC Pipe
- ☐ Pipeline Components Inc. Pressure Class 350, C153 D.I.M.J. Fittings
- ☐ Pro-line Safety Products Co. Non-detectable underground utility marking tape
- ☐ Protecto 401 Interior Pipe Coating for Ductile Iron
- ☐ PVC Gasketed Joint Pipe, DR 18, Class 150, AWWA C-900
- ☐ PVC Gasketed Joint Pipe, DR 18, Class 150 AWWA C-905
- ☐ Restraint PVC pipe bell and spigot joints series PVP (tie rods)
- ☐ Series PVP Restraint for PVC Pipe Bell and Spigot Joints
- ☐ Sewpercoat Pipe Linings

SEWER FORCE MAIN (Continued):

- ☐ Sigma Mechanical Joint Compact Fittings – Pressure Class 350
- ☐ Sigma OneLoc Pipe Restraint
- ☐ Southwire THHN (used as tracer wire for pipe locating purposes)
- ☐ Star Pipe Products Compact M.J. Fittings (Including Series 3000 & 3100 Restraints)
- ☐ Star Pipe Products, Stargrip Series 4000 and 4100 Restraints
- ☐ Tyler Union D.I.M.J. SSB Fittings
- ☐ Tyler Union D.I.M.J. Tapping Sleeves
- ☐ Tyler Union M.J. SSB Ductile Iron Pressure Class 350 Fittings
- ☐ Uni-Flange Series 1400 Wedge Action Retainer Gland
- ☐ US Pipe Field Lok 350 Gaskets
- ☐ US Pipe TrimTyte D.I.M.J. Fittings
- ☐ US Pipe DIMJ, Class 52 Pipe
- ☐ US Pipe Tyton Joint Ductile Iron Class 52 Pipe
- ☐ LineTek Non-detectable Double-Tuff Marking Tape
- ☐ US Pipe TR Flex Gripper Rings

SEWER:

- ☐ American Ductile Iron Class 52 Pipe
- ☐ American Ductile Iron Pressure Class 350 Compact Fittings
- ☐ American Flow Control Series 2500 Resilient Wedge Valve
- ☐ American Step Company, Inc. ML-10 Manhole Step
- ☐ Americast 24" Inside Diameter Height Control Ring
- ☐ Americast 48" Pre-cast Sanitary Manhole with 30" opening. Allow for at least one (1) adjustment ring below casting.
- ☐ Americast 48" Pre-cast Sanitary Manhole with 30" opening. Allow for at least one (1) adjustment ring below casting – Extended Base Component Details
- ☐ Americast Large Diameter Pre-cast Sanitary Manhole with 30" opening. Allow for at least one (1) adjustment ring below casting
- ☐ Atlantic States Ductile Iron Class 52 Pipe
- ☐ Avanti International AV-100 Chemical Grout for manhole repairs / rehabilitation
- ☐ Bristolpipe C-900 PVC Pipe
- ☐ BWM Company Stainless Steel Casing Spacer Model BMW SS - 8
- ☐ Capitol Foundry of Virginia, Hampton Roads 30" Frame & Cover, Class 35B
- ☐ Capitol Foundry of VA CS-5 Large Valve Box, Class 35B
- ☐ Capitol Foundry of VA 24" Seal Sealing Watertight Manhole Frame & Cover, Class 35B
- ☐ Capitol Foundry of VA Threaded Lateral Clean Out Box and Lid

SEWER – Continued:

- ☐ Capitol Foundry of VA Sewer Frame, Cover & Dust Pan, Class 35B – Hampton Roads
- ☐ Capitol Foundry of VA Mainline Cleanout Inspection Box and Lid, Class 35B
- ☐ Cascade Stainless Steel Casing Spacer, Model CCS-1320-8
- ☐ Clow Ductile Iron Class 52 Pipe
- ☐ Concrete Pipe & Products MH Step
- ☐ Concrete Sealants Butyl Resin Con Seal CS102, 202
- ☐ ConSeal Concrete Sealants
- ☐ CIPP Corporation Cured-in-Place Pipelining
- ☐ Diamond C-900 PVC Pipe DR18, Class 150
- ☐ Diamond Plastics SDR26 PVC Pipe
- ☐ ElastaSeal Industrial Sealing System for Manhole Rehabilitation
- ☐ Extrusion Technologies SDR 26 PVC Sewer Pipe
- ☐ FasTech Manhole Frame, Cover & Dust Pan (Water tight) Gasketed, Class 35B
- ☐ Ferguson Flex-Seal Couplings
- ☐ Fernco Couplings
- ☐ Fernco Coupling Shear Rings – Stainless Steel
- ☐ Fold and Form Pipe for Relining Pipe
- ☐ Griffin Pipe Products Co. D.I. Tyton Joint, Class 52 Pipe
- ☐ Hanson Concrete Products Pre-cast 60" Sanitary Manhole. Allow for at least one (1) adjustment ring below casting
- ☐ Hanson Pipe & Products Sanitary Drop Connection (ST-0846 -65)
- ☐ Hanson Pipe & Products Pre-cast 48" Sanitary Manhole. Allow for at least one (1) adjustment ring below casting
- ☐ Hanson Pipe & Products Standard Manhole Step
- ☐ Harrington Corporation, Harco AWWA C-900 Fittings
- ☐ Harrington Corporation, Harco SDR 26 Sewer Fittings
- ☐ Hughes Supply Standard Sewer Cleanout Box Frame & Cover
- ☐ Inserta Tee SDR 26 HW5 Gasketed Bell
- ☐ IPS Flexible Manhole Connector
- ☐ LineTek Non-detectable Double-Tuff Marking Tape
- ☐ Maxi-Fit Couplings
- ☐ M.A. Industries PS1- PF Manhole Step
- ☐ McWane (Clow) Ductile Iron Class 52 Pipe
- ☐ Multi Fittings C-900 injected molded fittings

## SEWER – Continued

- ☐ Nansemond Pre-cast Concrete 48" Dia. Sanitary Manhole. Allow for at least one (1) adjustment ring below casting
- ☐ Nansemond Pre-cast Concrete 48" Diameter Eccentric Top w/ 30" Diameter Opening
- ☐ Nansemond Pre-cast Concrete 60" Sanitary Manhole. Allow for at least one (1) adjustment ring below casting
- ☐ Nansemond Pre-cast Concrete 60" Flat Top Sanitary Manhole With 30" Opening
- ☐ Nansemond Pre-cast Concrete 60" Sanitary Manhole with Eccentric Top with 30" Diameter Opening
- ☐ Nansemond Pre-cast Concrete Standard 24" Elevation Adjustment Ring
- ☐ Nansemond Pre-cast Concrete Drop Connection Manhole
- ☐ National Pipe & Plastics Ever-Green SDR-26 PVC Pipe
- ☐ North American Pipe Corp C-900 PVC Pipe
- ☐ North American Pipe Corp Heavy Wall SDR26 PVC Pipe
- ☐ NPC Kor-N-Seal I with Toggle Korband
- ☐ NPC Kor –N-Seal I & II Wedge Korband Flexible Pipe –To- Manhole Connector
- ☐ Permacast MS-10,000 with ConShield, Manhole Renewal :
- ☐ Piedmont Supply Threaded Lateral Cleanout, Class – 30B
- ☐ Pipeline Components Inc. Pressure Class 350, C-153 D.I.M.J. Fittings
- ☐ Poly-Triplex Liner Systems
- ☐ Press-Seal Gasket Corporation Press-Boot
- ☐ Press-Seal Gasket Corporation PSX Positive Seal Gasket System with Power Sleeve Expansion
- ☐ Press-Seal Gasket Corporation Type 4G & 4F Profile Gaskets
- ☐ Pro-line Safety Products Co. Non-detectable underground utility marking tape
- ☐ Protecto 401 Interior Pipe Coating for Ductile Iron
- ☐ PVC Gasketed Heavy Wall Fittings, SDR 26
- ☐ PVC Gasketed Heavy Wall Pipe, SDR 26
- ☐ PVC Gasketed Joint Pipe, DR 18, Pressure Class 150, AWWA C-900
- ☐ PVC Gasketed Joint Pipe, DR 18, Pressure Class 150 AWWA C-905
- ☐ PVC Trench Tough Heavy Wall SDR 26 Gasketed Sewer Fittings
- ☐ Ring Tite SDR 26 Heavy Wall Gravity Sewer Pipe
- ☐ Sauereisen Sewer Seal for Manhole Rehabilitation
- ☐ Sewpercoat Pipe Linings
- ☐ Sigma OneLoc Pipe Restraint
- ☐ Sikagard 62 epoxy coating for the interior of Pre-cast Manholes

## SEWER – Continued

- ☐ Southwire THHN (used as tracer wire for pipe locating purposes)
- ☐ Star Pipe Products Compact M.J. Fittings (Includes Series 3000 & 3100 Restraints)
- ☐ Star Pipe Products, Stargrip Series 4000 and 4100 Restraints
- ☐ Strong Company Strong Plug for manhole repairs / rehabilitation
- ☐ Strong Company MS-2A Quick Set Repair for manhole repairs / rehabilitation
- ☐ Strong Seal Grout 250 for manhole repairs / rehabilitation
- ☐ Strong Seal MS-2 A Liner Material for manhole rehabilitation
- ☐ Trench Tough Gasketed Sewer Fittings (molded) SDR 26
- ☐ Tyler Union D.I.M.J. SSB Fittings
- ☐ ULTRALINER PVC Alloy Pipeliner SDR-35
- ☐ Unibell SDR 26 PVC Sewer Pipe
- ☐ US Pipe Tyton Joint Ductile Iron Class 52 Pipe

## WATER:

- ☐ American AVK Series 25 Resilient Wedge Gate Valve
- ☐ American Cast Iron Pipe Co, Flexible Joint Class 52 Ductile Iron Pipe
- ☐ American Ductile Iron Class 52 Pipe
- ☐ American Ductile Iron Pressure Class 350 Compact Fittings
- ☐ American Flow 4 ½" MK-73 Fire Hydrant
- ☐ American Flow Control Series 2500 Resilient Wedge Valve
- ☐ American Flow Tapping Sleeves 2800C for cast iron or ductile iron
- ☐ American Flow Tapping Valves 2800C for cast iron or ductile iron
- ☐ American Flow Tapping Sleeves Series 2500
- ☐ American Flow Tapping Valves Series 2500
- ☐ American Valve Bronze Gate Valves
- ☐ American Valve Bronze Ball Valves
- ☐ Atlantic States Ductile Iron Class 52 Pipe
- ☐ B1200 Cast Iron Air Vent / Blow Off Frame and Cover from Hughes Supply, Class 35B
- ☐ Bristolpipe C-900 PVC Pipe
- ☐ BWM Company Stainless Steel Casing Spacer Model BWM SS - 8
- ☐ Cambridge – Lee Industries, Type K copper
- ☐ Capitol Foundry of Virginia Air Vent and Blow-Off Frame and Cover, Class 35B
- ☐ Capitol Foundry of VA CS-5 Large Valve Box, Class 35B
- ☐ Capitol Foundry of VA CS-5A Small Valve Box , Class 35B
- ☐ Capitol Foundry of VA Oval Meter Box & Lid (MBX -1\*), Class 35B

## WATER – Continued

- ☐ Cascade Stainless Steel Casing Spacer, Model CCS-1320-8
- ☐ Cerro Type K Copper tubing
- ☐ Clow Ductile Iron Class 52 Pipe
- ☐ Clow Medallion Hydrant
- ☐ Clow Valve Co, Gate Valve
- ☐ Diamond C-900 PVC Pipe DR18, Class 150
- ☐ EBAA Iron Sales, Inc 1600 Restraint Harness for PVC pipe bells
- ☐ EBBA Iron Sales, Inc. 2000 PV Joint Restraint for PVC Pipe
- ☐ EBBA Iron Sales, Inc. Megalug Series 1100 M.J. Restraint for D.I. Pipe
- ☐ Ford Angle Ball Meter Valve BA43-xxx-W
- ☐ Ford Angle Ball Meter Valve for copper
- ☐ Ford Ballcorp Corporation Stop FB1600
- ☐ Ford Corporation Stop – FB1000
- ☐ Ford Corporation Stop FB1000 Ballcorp Taper & thread
- ☐ Ford Meter Valve Angle Ball Flange (BFA43xxxW)
- ☐ Ford Uni-Flange Retainer (UFR 1400-D-x style) for Ductile Iron Pipe
- ☐ Ford Uni-Flange Retainer (UFR 1500-C-x style) for C-900 PVC Pipe
- ☐ Gate Valve WGV brass
- ☐ Griffin Pipe Products Co. D.I. Tyton Joint, Class 52 Pipe
- ☐ Hughes Supply Standard Large Gate Valve Box, Class 35B
- ☐ Hughes Supply Standard Small Gate Valve Box, Class 35B
- ☐ JCM 405 Coated Wide Body Service Saddle – (Single strap only)
- ☐ JCM 412 Tapping Sleeves
- ☐ JCM 432 All Stainless Steel Tapping Sleeve
- ☐ Kennedy Guardian Fire Hydrant K81D
- ☐ Kennedy KS-FW MJ Valve
- ☐ Kennedy Kenseal II Resilient Wedge Gate Valve
- ☐ Kennedy Kenseal II Resilient Wedge Tapping Valve
- ☐ LineTek Non-detectable Double-Tuff Marking Tape
- ☐ M & H Style 1450 Butterfly Valve
- ☐ M & H Style 4500 Butterfly Valve
- ☐ MATCO Norca 516 Brass Gate Valve
- ☐ McDonald Meter Valve 6100 Series
- ☐ McDonald MFG 3148B Ball Corporation Stop
- ☐ McDonald MFG 4701B-22 Ball Corporation Stop
- ☐ McDonald MFG Angle Valve Plug Style 100 PSI 4602-22
- ☐ McWane (Clow) Ductile Iron Class 52 Pipe
- ☐ MJ Field Loc Restraints
- ☐ Mueller 110 Angle Meter Stops and Valves with Compression Connection
- ☐ Mueller 110 Compression Connection H-15403

## WATER – Continued

- ☐ Mueller 110 Corporation Stops Compression Connection H-15008 for ¾" and 1" Taps
- ☐ Mueller 300 Ball Curb Valve
- ☐ Mueller A-2360 Resilient Wedge Gate Valves with M.J. x M.J. Ends
- ☐ Mueller A-2361 Resilient Wedge Gate Valve
- ☐ Mueller B-25008 Corporation Stop
- ☐ Mueller H-10046 Corporation Stop
- ☐ Mueller H-15008 Corporation Stop
- ☐ Mueller Xtra-Range Service Seal Pipe Repair Clamp
- ☐ Mueller Xtra-Range Full Seal Pipe Repair Clamp
- ☐ Mueller Single Section Service Seal Pipe Repair Clamp
- ☐ Mueller 200 Series Pipe Saver Clamp
- ☐ Mueller 200 Bell Joint Repair Clamp
- ☐ Mueller 300 Ball Type Corporation Valve
- ☐ Mueller Line Seal Butterfly Valve
- ☐ Mueller Mechanical Joint Tapping Sleeve for C.I., D.I. and PVC
- ☐ Mueller Service Fittings with Mueller 110 Compression Connection, H-15403
- ☐ Mueller Full-Seal Stainless Steel Repair Clamps
- ☐ Mueller Service Saddle for PVC Pipe (Wide Body single strap only)
- ☐ Mueller Streamline Type K copper
- ☐ Mueller Super Centurion 250 Fire Hydrant
- ☐ Mueller Super Centurion 250/HS "High Security" Fire Hydrant
- ☐ Mueller T-2360 Resilient Wedge Tapping Valve – M.J. x FL. Ends
- ☐ National Pipe & Plastics Dura-Blue C-900 PVC Pipe
- ☐ North American Pipe Corporation C-900 PVC Pipe
- ☐ OMNI Coupling, Sleeve
- ☐ One Loc Contoured-lug Restraint – D.I. pipe
- ☐ One Loc Contoured-lug Restraint – PVC pipe
- ☐ Pipeline Components Inc. Pressure Class 350, C153 D.I.M.J. Fittings
- ☐ Proflow PFT 300 Gate Valve
- ☐ Pro-Line Safety Products Co. Non-detectable Underground Utility Marking Tape
- ☐ PVC Gasketed Joint Pipe, DR 18, Class 150, AWWA C 900
- ☐ PVC Gasketed Joint Pipe, DR 18, Class 150, AWWA C 905
- ☐ PVP Pipe Bell & Spigot Joint Restraint
- ☐ Rectangular Meter box by Hughes Drawing 36818
- ☐ Restraint PVC pipe bell and spigot joints series PVP (tie rods)
- ☐ Romac Industries nylon coated saddle with stainless steel strap – (Single strap wide body only)

## WATER (cont.)

- ☐ Series PVP Restraint for PVC Pipe Bell and Spigot Joints
- ☐ Sigma Mechanical Joint Compact Fittings – Pressure Class 350
- ☐ Sigma OneLoc Pipe Restraint
- ☐ Smith Blair Service Saddles nylon coated, D.I. single strap stainless steel
- ☐ Smith-Blair model 663 style tapping sleeve
- ☐ Southwire THHN for locating
- ☐ Star Pipe Products Compact M.J. Fittings (including Series 3000 & 3100 Restraints)
- ☐ Star Pipe Products, Stargrip Series 4000 and 4100 Restraints
- ☐ Tyler Union D.I.M.J. Tapping Sleeves
- ☐ Tyler Union D.I.M.J. SSB Fittings
- ☐ Tyler Union M.J. SSB Ductile Iron Class 350 Fittings
- ☐ US Pipe, DIMJ Class 52 Pipe
- ☐ US Pipe Field Lok 350 Gaskets
- ☐ US Pipe Metroseal Resilient Seated Gate Valve 18” – 36”
- ☐ US Pipe Sentinel 250 HS Fire Hydrant w/ High Security Shoe
- ☐ US Pipe TrimTyte D.I.M.J. Fittings
- ☐ US Pipe Tyton Joint Ductile Iron Class 52 Pipe
- ☐ US Pipe TR Flex Gripper Rings
- ☐ Uni-Flange Series 1400 Wedge Action Retainer Gland
- ☐ Val – Matic Butterfly Valves, Open Right for Water
- ☐ Vincent Pipe Type K Copper Tubing
- ☐ Wolverine Tube Seamless Copper Tube, Type K

## PUMP STATION EQUIPMENT

- ☐ Fairbanks Morse Pumps & 1 Additional spare pump & motor with system
- ☐ Pump Controller-Mercoid series MPC pump controller
- ☐ Transducer – Mercoid submersible level transmittal (SeriesPBLT2); Model #PBLT2-10-40
- ☐ Blue Ribbon Bird Cage Submersible Water – Level Sensor
- ☐ Danfoss VFD
- ☐ Danfoss Soft Starter
- ☐ Check Valve : American Darling
- ☐ Gate Valve : American Darling (Steel Disc)
- ☐ Square “D” : Relay Switches & Breakers
- ☐ Enclosures : Hoffman
- ☐ All electrical equipment must be UL approved.
- ☐ PLC : National Instruments – Compact Field Point
- ☐ Wet Well Coating : T-LOK, or Approved Equal
- ☐ Door Locks : Arrow



#### PUMP STATION EQUIPMENT (Cont.)

- ☐ Generator Receptacle : Crouse Hinds 200 AMPS 4 – Wire (Model #AR2041S22)
- ☐ Generator Receptacle: Crouse Hinds 100 AMPS 4-Wire (Model #AR1041S22)
- ☐ Generator Receptacle : Crouse Hinds 60 AMPS 4-Wire (Model #ARE6415S22)
- ☐ Generator Receptacle : Crouse Hinds 30 AMPS 4-Wire (Model #ARE3413S22)